(FILE 'HOME' ENTERED AT 16:23:14 ON 12 JAN 2007)

FILE 'BIOSIS, CAPLUS, CABA, AGRICOLA' ENTERED AT 16:23:28 ON 12 JAN 2007

L1	234	S VIP3?
L2	14	S L1 AND REVIEW
L3	2	S VIP3C?
L4	95	S VEGETATIVE INSECTICIDAL PROTEIN
L5	54	DUPLICATE REMOVE L4 (41 DUPLICATES REMOVED)
L6	229	S VIP? AND BACILLUS
L7	135	DUPLICATE REMOVE L6 (94 DUPLICATES REMOVED)
L8	100	S L7 AND ENGLISH/LA
L9	100	DUPLICATE REMOVE L8 (0 DUPLICATES REMOVED)

<!--StartFragment-->RESULT 1
US-09-002-285-82
; Sequence 82, Application US/09002285
; Patent No. 6369213
; GENERAL INFORMATION:
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Wicker, Carol
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Walz, Michelle
; APPLICANT: Stockhoff, Brian
; APPLICANT: Muller-Cohn, Judy
; TITLE OF INVENTION: Toxins Active Against Pests
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: Florida
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/002,285
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/886,615
; FILING DATE: 1-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/674,002
; FILING DATE: 1-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-701C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (352) 375-8100
; TELEFAX: (352) 372-5800
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 789 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-002-285-82

Query Match 90.0%; Score 3617.5; DB 2; Length 789;
Best Local Similarity 90.6%; Pred. No. 2.5e-246;
Matches 716; Conservative 20; Mismatches 51; Indels 3; Gaps 2;

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Qy          1 MNKNNTKLSTRALPSFIDYFNGIYGFATGIKDIMNMIFKTDTGGNLTLDEILKNQQLLNE 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MNKNNTKLSTRALPSFIDYFNGIYGFATGIKDIMNMIFKTDTGGNLTLDEILKNQQLLNE 60

Qy         61 ISGKLDGVNGSLNDLIAQGNLNTELSKEILKIANEQNQVLNDVNNKLDAINTMLHIYLPK 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ISGKLDGVNGSLNDLIAQGNLNTELSKEILKIANEQNQVLNDVNNKLDAINTMLHIYLPK 120

Qy        121 ITSMLSDVMKQNYALSLQIEYLSKQLQEISDKLDIINVNVLINSTLTEITPAYQRIKYVN 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 ITSMLSDVMKQNYALSLQIEYLSKQLQEISDKLDIINVNVLINSTLTEITPAYQRIKYVN 180

Qy        181 EKFEELTFATETTLKVKKDSSPADILDELTELTELAKSVTKNDVDGFEFYLNTFHDVMVG 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 EKFEELTFATETTLKVKKDSSPADILDELTELTELAKSVTKNDVDGFEFYLNTFHDVMVG 240

Qy        241 NNLFGRSALKTASELIAKENVKTSGSEVGNVYNFLIVLTALQAKAFLTLTTCRKLLGLAG 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 NNLFGRSALKTASELIAKENVKTSGSEVGNVYNFLIVLTALQAKAFLTLTTCRKLLGLAD 300

Qy        301 IDYTSIMNEHLNKEKEEFRVNILPTLSNTFSNPNYAKVKGSDEDAKMIVEAKPGHALVGF 360
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Db        301 IDYTSIMNEHLNKEKEEFRVNILPTLSNTFSNPNYAKVKGSDEDAKMIVEAKPGYALVGF 360

Qy        361 EMSNDSITVLKVYEAKLKQNYQVDKDSLSEVIYGDTDKLFCPDQSEQIYYTNNIVFPNEY 420
                ||||||||||||||||||||||||||||||||||||| ||||||||||||||||||||
Db        361 EMSNDSITVLKVYEAKLKQNYQVDKDSLSEVIYGDTDKLLCPDQSEQIYYTNNIVFPNEY 420

Qy        421 VITKIDFTKKMKTLRYEVTANFYDSSTGEIDLNKKKVESSEAEYRTLSANDDGVYMPLGV 480
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 VITKIDFTKKMKTLRYEVTANFYDSSTGEIDLNKKKVESSEAEYRTLSANDDGVYMPLGV 480

Qy        481 ISETFLTPINGFGLQADENSRLITLTCKSYLRELLLATDLSNKETKLIVPPSGFISNIVE 540
                ||||||||||||||||| |||||||||||||||||||||||||||| ||||||||||
Db        481 ISETFLTPINGFGLQADGNSRLITLTCKSYLRELLLATDLSNKETKLIVLPSGFISNIVE 540

Qy        541 NGSIEEDNLEPWKANNKNAYVDHTGGVNGTKALYVHKDGGFSQFIGDKLKPKTEYVIQYT 600
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 NGSIEEDNLEPWKANNKNAYVDHTGGVNGTKALYVHKDGGFSQFIGDKLKPKTEYVIQYT 600

Qy        601 VKGKPSIHLKDENTGYIHYEDTNNNLKDYQTITKRFTTGTDLKGVYLILKSQNGDEAWGD 660
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 VKGKPSIHLKDENTGYIHYEDTNNNLKDYQTITKRFTTGTDLKGVYLILKSQNGDEAWGD 660

Qy        661 KFTILEIKPAEDLLSPELINPNSWITTPGASISGNKLFINLGTNGTFRQSLSLNSYSTYS 720
                 | |||| |:| |||||||| |:| :|    |||| | :  |  |  :|:| |:|:||| 
Db        661 NFIILEISPSEKLLSPELINTNNWTSTGSTHISGNTLTLYQGGRGILKQNLQLDSFSTYR 720

Qy        721 ISFTASGPFNVTVRNSRXVLFERSNLMSSTSHISGTFKTESNNTGLYVELSRRSG--GGG 778
                : |: ||  || :|||| |||:   ||    :|  | |:      |:|||: :   ||
Db        721 VYFSVSGDANVRIRNSREVLFEK-RYMSGAKDVSEMFTTKFEKDNFYIELSQGNNLYGGP 779

Qy        779 HISFENVSIK 788
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Db        780 IVHFNDVSIK 789

<!--EndFragment-->
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<!--StartFragment-->RESULT 1
US-09-002-285-83
; Sequence 83, Application US/09002285
; Patent No. 6369213
;  GENERAL INFORMATION:
;    APPLICANT:  Schnepf, H. Ernest
;    APPLICANT:  Wicker, Carol
;    APPLICANT:  Narva, Kenneth E.
;    APPLICANT:  Walz, Michelle
;    APPLICANT:  Stockhoff, Brian
;    APPLICANT:  Muller-Cohn, Judy
;    TITLE OF INVENTION:  Toxins Active Against Pests
;    NUMBER OF SEQUENCES:  105
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Saliwanchik, Lloyd & Saliwanchik
;      STREET:  2421 N.W. 41st Street, Suite A-1
;      CITY:  Gainesville
;      STATE:  Florida
;      COUNTRY:  USA
;      ZIP:  32606
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/002,285
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/886,615
;      FILING DATE:  1-JUL-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/674,002
;      FILING DATE:  1-JUL-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Sanders, Jay M.
;      REGISTRATION NUMBER:  39,355
;      REFERENCE/DOCKET NUMBER:  MA-701C2
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (352) 375-8100
;      TELEFAX:  (352) 372-5800
;  INFORMATION FOR SEQ ID NO:  83:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  2375 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
US-09-002-285-83

  Query Match             87.9%;  Score 2080.2;  DB 3;  Length 2375;
  Best Local Similarity   92.9%;  Pred. No. 0;
  Matches 2204;  Conservative    1;  Mismatches  159;  Indels    9;  Gaps    2;

Qy          1 ATGAACAAGAATAATACTAAATTAAGCACAAGAGCCCTACCGAGTTTTATTGATTATTTT 60
              |||||||||||||||||||||||||||||||||| |||| ||||||||||||||||||
Db          1 ATGAACAAGAATAATACTAAATTAAGCACAAGAGCCTTACCAAGTTTTATTGATTATTTT 60

Qy         61 AATGGCATTTATGGATTTGCCACTGGTATCAAAGACATTATGAATATGATTTTTAAAACG 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 AATGGCATTTATGGATTTGCCACTGGTATCAAAGACATTATGAATATGATTTTTAAAACG 120

Qy        121 GATACAGGTGGTAATCTAACCTTAGACGAAATCCTAAAGAATCAGCAGTTACTAAATGAG 180
              |||||||||||||||||||||||| ||||||||||||||||||||||||||||||||||
Db        121 GATACAGGTGGTAATCTAACCTTAGATGAAATCCTAAAGAATCAGCAGTTACTAAATGAG 180

Qy        181 ATTTCTGGTAAATTGGATGGGGTAAATGGGAGCTTAAATGATCTTATCGCACAGGGAAAC 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 ATTTCTGGTAAATTGGATGGGGTAAATGGGAGCTTAAATGATCTTATCGCACAGGGAAAC 240

Qy        241 TTAAATACAGAATTATCTAAGGAAATCTTAAAAATCGCAAATGAACAGAATCAAGTCTTA 300
              |||||||||||||||||||||||||||||| ||||||||||||||||||||||||||||
Db        241 TTAAATACAGAATTATCTAAGGAAATCTTAAAAATTGCAAATGAACAGAATCAAGTCTTA 300

Qy        301 AATGATGTTAATAACAAACTCGATGCGATAAATACGATGCTTCATATATATCTACCTAAA 360
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                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 AATGATGTTAATAACAAACTCGATGCGATAAATACGATGCTTCATATATATCTACCTAAA 360

Qy        361 ATTACATCTATGTTAAGTGATGTAATGAAGCAAAATTATGCGCTAAGTCTGCAAATAGAA 420
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 ATTACATCTATGTTAAGTGATGTAATGAAGCAAAATTATGCGCTAAGTCTGCAAATAGAA 420

Qy        421 TACTTAAGTAAGCAATTGCAAGAAATTTCTGATAAATTAGATATTATTAACGTAAATGTT 480
                |||||||||||| ||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 TACTTAAGTAAACAATTGCAAGAAATTTCTGATAAATTAGATATTATTAACGTAAATGTT 480

Qy        481 CTTATTAACTCTACACTTACTGAAATTACACCTGCATATCAACGGATTAAATATGTGAAT 540
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 CTTATTAACTCTACACTTACTGAAATTACACCTGCATATCAACGGATTAAATATGTGAAT 540

Qy        541 GAAAAATTTGAAGAATTAACTTTTGCTACAGAAACCACTTTAAAAGTAAAAAAGGATAGC 600
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 GAAAAATTTGAAGAATTAACTTTTGCTACAGAAACCACTTTAAAAGTAAAAAAGGATAGC 600

Qy        601 TCGCCTGCTGATATTCTTGATGAGTTAACTGAATTAACTGAACTAGCGAAAAGTGTTACA 660
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 TCGCCTGCTGATATTCTTGATGAGTTAACTGAATTAACTGAACTAGCGAAAAGTGTTACA 660

Qy        661 AAAAATGACGTTGATGGTTTTGAATTTTACCTTAATACATTCCACGATGTAATGGTAGGA 720
                |||||||||||| ||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 AAAAATGACGTGGATGGTTTTGAATTTTACCTTAATACATTCCACGATGTAATGGTAGGA 720

Qy        721 AATAATTTATTCGGGCGTTCAGCTTTAAAAACTGCTTCAGAATTAATTGCTAAAGAAAAT 780
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 AATAATTTATTCGGGCGTTCAGCTTTAAAAACTGCTTCAGAATTAATTGCTAAAGAAAAT 780

Qy        781 GTGAAAACAAGTGGCAGTGAAGTAGGAAATGTTTATAATTTCTTAATTGTATTAACAGCT 840
                |||||||||||||||||||||||||||||||||||| ||||||||||||||||||||||
Db        781 GTGAAAACAAGTGGCAGTGAAGTAGGAAATGTTTATAACTTCTTAATTGTATTAACAGCT 840

Qy        841 CTACAAGCAAAAGCTTTTCTTACTTTAACAACATGCCGAAAATTATTAGGCTTAGCAGGT 900
                |||||||||||||||||||||||||||||||||||||||||||||||||||||||||| |
Db        841 CTACAAGCAAAAGCTTTTCTTACTTTAACAACATGCCGAAAATTATTAGGCTTAGCAGAT 900

Qy        901 ATTGATTATACTTCTATTATGAATGAACATTTAAATAAGGAAAAAGAGGAATTTAGAGTA 960
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        901 ATTGATTATACTTCTATTATGAATGAACATTTAAATAAGGAAAAAGAGGAATTTAGAGTA 960

Qy        961 AACATCCTTCCTACACTTTCTAATACTTTTTCTAATCCTAATTATGCAAAAGTTAAAGGA 1020
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        961 AACATCCTTCCTACACTTTCTAATACTTTTTCTAATCCTAATTATGCAAAAGTTAAAGGA 1020

Qy       1021 AGTGATGAAGATGCAAAGATGATTGTGGAAGCTAAACCAGGACATGCATTGGTTGGGTTT 1080
                |||||||||||||||||||||||||||||||||||| ||||||||||||||||||||||
Db       1021 AGTGATGAAGATGCAAAGATGATTGTGGAAGCTAAACCAGGATATGCATTGGTTGGGTTT 1080

Qy       1081 GAAATGAGCAATGATTCAATCACAGTATTAAAAGTATATGAGGCTAAGCTAAAACAAAAT 1140
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1081 GAAATGAGCAATGATTCAATCACAGTATTAAAAGTATATGAGGCTAAGCTAAAACAAAAT 1140

Qy       1141 TATCAAGTTGATAAGGATTCCCTATCGGAGGTTATTTATGGTGATACGGATAAATTATTT 1200
                |||||||||||||||||||| ||||||| ||||||||||||||||||||||||||||||
Db       1141 TATCAAGTTGATAAGGATTCCTTATCGGAAGTTATTTATGGTGATACGGATAAATTATTG 1200

Qy       1201 TGTCCAGATCAATCTGAACAAATATATTATACAAATAACATAGTATTCCCAAATGAATAT 1260
                |||||||||||||||||||||||||||||||||||||||||||||| ||||||||||||
Db       1201 TGTCCAGATCAATCTGAACAAATATATTATACAAATAACATAGTATTTCCAAATGAATAT 1260

Qy       1261 GTAATTACTAAAATTGATTTCACTAAAAAAAATGAAAACTTTAAGATATGAGGTAACAGCG 1320
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1261 GTAATTACTAAAATTGATTTCACTAAAAAAAATGAAAACTTTAAGATATGAGGTAACAGCG 1320

Qy       1321 AATTTTTATGATTCTTCTACAGGAGAAATTGACTTAAATAAGAAAAAAGTAGAATCAAGT 1380
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1321 AATTTTTATGATTCTTCTACAGGAGAAATTGACTTAAATAAGAAAAAAGTAGAATCAAGT 1380

Qy       1381 GAAGCGGAGTATAGAACGTTAAGTGCTAATGATGATGGAGTGTATATGCCATTAGGTGTC 1440
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1381 GAAGCGGAGTATAGAACGTTAAGTGCTAATGATGATGGAGTGTATATGCCATTAGGTGTC 1440

Qy       1441 ATCAGTGAAACATTTTTGACTCCGATAAATGGGTTTGGCCTCCAAGCTGATGAAAATTCA 1500
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Db       1441 ATCAGTGAAACATTTTTGACTCCGATAAATGGGTTTGGCCTCCAAGCTGATGGAAATTCA 1500

Qy       1501 AGATTAATTACTTTAACATGTAAATCATATTTAAGAGAACTACTGCTAGCAACAGACTTA 1560
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1501 AGATTAATTACTTTAACATGTAAATCATATTTAAGAGAACTACTGCTAGCAACAGACTTA 1560

Qy       1561 AGCAATAAAGAAACTAAATTGATCGTCCCACCAAGTGGTTTTATTAGCAATATTGTAGAG 1620
             |||||||||||||||||||||||||  ||||||||||||||||||||||||||||||||
Db       1561 AGCAATAAAGAAACTAAATTGATCGTCCTGCCAAGTGGTTTTATTAGCAATATTGTAGAG 1620

Qy       1621 AACGGGTCCATAGAAGAGGACAATTTAGAGCCGTGGAAAGCAAATAATAAGAATGCGTAT 1680
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1621 AACGGGTCCATAGAAGAGGACAATTTAGAGCCGTGGAAAGCAAATAATAAGAATGCGTAT 1680

Qy       1681 GTAGATCATACAGGCGGAGTGAATGGAACTAAAGCTTTATATGTTCATAAGGACGGAGGA 1740
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1681 GTAGATCATACAGGCGGAGTGAATGGAACTAAAGCTTTATATGTTCATAAGGACGGAGGA 1740

Qy       1741 TTTTCACAATTTATTGGAGATAAGTTAAAACCGAAAACTGAGTATGTAATCCAATATACT 1800
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1741 TTTTCACAATTTATTGGAGATAAGTTAAAACCGAAAACTGAGTATGTAATCCAATATACT 1800

Qy       1801 GTTAAAGGAAAACCTTCTATTCATTTAAAAGATGAAAATACTGGATATATTCATTATGAA 1860
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1801 GTTAAAGGAAAACCTTCTATTCATTTAAAAGATGAAAATACTGGATATATTCATTATGAA 1860

Qy       1861 GATACAAATAATAATTTAAAAGATTATCAAACTATTACTAAACGTTTTACTACAGGAACT 1920
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1861 GATACAAATAATAATTTAAAAGATTATCAAACTATTACTAAACGTTTTACTACAGGAACT 1920

Qy       1921 GATTTAAAGGGAGTGTATTTAATTTTAAAAAGTCAAAATGGAGATGAAGCTTGGGGAGAT 1980
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1921 GATTTAAAGGGAGTGTATTTAATTTTAAAAAGTCAAAATGGAGATGAAGCTTGGGGAGAT 1980

Qy       1981 AAATTTACAATTTTAGAAATTAAGCCTGCGGAGGATTTATTAAGCCCAGAATTAATTAAT 2040
             || ||||  ||||| |||||||  ||| | ||  | ||||||| ||||||||||||||||
Db       1981 AACTTTATTATTTTGGAAATTAGTCCTTCTGAAAAGTTATTAAGTCCAGAATTAATTAAT 2040

Qy       2041 CCGAATTCTTGGATTACGACTCCAGGGGCTAGCATTTCAGGAAATAAACTTTTCATTAAC 2100
              | |||  |||||  |  ||   |    ||   |||   || |||| |||     || |
Db       2041 ACAAATAATTGGACGAGTACGGGATCAACTCATATTAGCGGTAATACACTCACTCTTTAT 2100

Qy       2101 TTGGGGACAAATGGGACCTTTAGACAAAGTCTTTCATTAAACAGTTATTCAACTTATAGT 2160
               |||   |   || |   | | |||||  |||  |||| | |||| ||||||||||||
Db       2101 CAGGGAGGACGAGGAATTCTAAAACAAAACCTTCAATTAGATAGTTTTTCAACTTATAGA 2160

Qy       2161 ATAAGCTTTACTGCATCAGGACCATTTAATGTGACGGTAAGAAATTCTAGGGRAGTATTA 2220
              |    ||| |||  || |||     |||||| | | | ||||||||||||:||| |||
Db       2161 GTGTATTTTTCTGTGTCCGGAGATGCTAATGTAAGGATTAGAAATTCTAGGGAAGTGTTA 2220

Qy       2221 TTTGAACGAAGCAACCTTATGTCTTCAACTAGTCATATTTCTGGGACATTCAAAACTGAA 2280
             ||||||  |||  |   ||||       |||   || |||||| |  |||| ||  ||
Db       2221 TTTGAAAAAAGATA---TATGAGCGGTGCTAAAGATGTTTCTGAAATGTTCACTACAAAA 2277

Qy       2281 TCCAATAATACCGGATTATATGTAGAACTTTCCC------GTCGCTCTGGTGGTGGTGGT 2334
             |   | ||       || ||| |||| ||||| |       |   |    |||||||  |
Db       2278 TTTGAGAAAGATAACTTTTATATAGAGCTTTCTCAAGGGAATAATTTATATGGTGGTCCT 2337

Qy       2335 CATATATCATTTGAAAACGTTTCTATTAAATAA 2367
               | ||   ||| |  | || |||||||| |||
Db       2338 ATTGTACATTTTAACGATGTCTCTATTAAGTAA 2370
<!--EndFragment-->
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